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(71) Applicant (for all designated States except US): **BHP BILLITON INNOVATION PTY LTD [AU/AU]**; BHP Billiton Centre, 180 Lonsdale Street, Melbourne, Victoria 3000 (AU).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **NIGRO, Nello [AU/AU]**; 4 Steward Street, Burwood, Victoria 3125 (AU).

(74) Agent: **GRIFFITH HACK**; 509 St Kilda Road, Melbourne, Victoria 3004 (AU).

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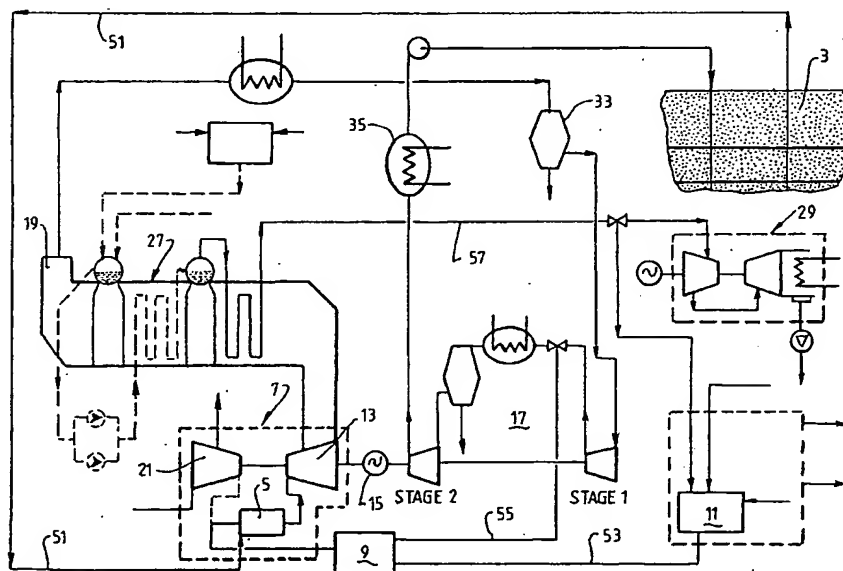
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(54) Title: **POWER GENERATION**



(57) Abstract: The combustor (5) of a gas turbine (7) is supplied with coal bed methane (51), oxygen (53) and a part of the flue gas (55), predominantly CO<sub>2</sub>, produced from the gas turbine (7) and sent through a heat recovery steam generator (27), all under pressure. The heat recovery steam generator (27) receives the hot flue gas and generates steam (57) for driving a steam turbine (29). The other part of the flue gas stream that passes through the heat recovery steam generator (27) is supplied to a suitable underground storage region (3).

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